

Title (en)

METHODS AND ENTITES FOR END-TO-END SECURITY IN COMMUNICATION SESSIONS

Title (de)

VERFAHREN UND VORRICHTUNGEN FÜR END-TO-END-SICHERHEIT IN KOMMUNIKATIONSSITZUNGEN

Title (fr)

PROCÉDÉS ET ENTITÉS PERMETTANT UNE SÉCURITÉ DE BOUT EN BOUT PENDANT DES SESSIONS DE COMMUNICATION

Publication

EP 4356633 A1 20240424 (EN)

Application

EP 21736257 A 20210616

Priority

EP 2021066320 W 20210616

Abstract (en)

[origin: WO2022262975A1] Methods for enabling end-to-end security for a communication session between a user equipment (UE) (2), registered with a Mobile Network Operator (MNO) network (3), and a gateway (9) and/or service of an external network (5, 6) are disclosed. In the methods additional keys are generated based on keys obtained in a secondary (5) authentication between the UE (2) and an entity (8) and/or service. An entity (8), a UE (2), computer programs and computer program products are also disclosed.

IPC 8 full level

H04W 12/043 (2021.01); **H04W 12/033** (2021.01); **H04W 12/041** (2021.01); **H04W 12/069** (2021.01)

CPC (source: EP)

H04L 63/0478 (2013.01); **H04W 12/033** (2021.01); **H04W 12/041** (2021.01); **H04W 12/043** (2021.01); **H04W 12/069** (2021.01); **H04L 63/0272** (2013.01); **H04L 63/205** (2013.01); **H04W 12/062** (2021.01); **H04W 12/082** (2021.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022262975 A1 20221222; EP 4356633 A1 20240424

DOCDB simple family (application)

EP 2021066320 W 20210616; EP 21736257 A 20210616